

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: Operating Safely with Explosive Substances and Articles (ESA)

Unit Reference Number: F/650/2628

Level: Two (2)

Credit Value: Eight (8)

Minimum Guided Learning Hours: 60

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand current safety legislation and regulation in relation to explosives substances and articles (ESA)	1.1 Explain the relevant safety legislation and regulation that applies to your role with ESA
	1.2 Explain the importance of legislation and regulations relating to ESA to the wider business and governance
2. Know about safety procedures for ESA	2.1 Demonstrate routine workplace safe operations and procedures for ESA
	2.2 Explain the actions to follow in the event of a range of emergencies involving ESA
3. Know about safety practices when working with ESA	3.1 Apply safety standards to own role with ESA
	3.2 Explain own contribution to safety when working with ESA
4. Understand safety principles regarding own role when working with explosive substances and articles	4.1 Comment on the dangers of explosive substances and articles (ESA) in own role
	4.2 Describe how ESA is safely handled in own role
	4.3 Explain how to safely store ESA in own role
	4.4 Explain the relevant safety legislation and regulation that applies to your role with ESA

Indicative Content and Associate ESA NOS

Learning Outcome 1	ESA NOS
1.1 Coverage of content could include: <ul style="list-style-type: none"> HSE direction / H&S Act 74, Meeting of H&S Reg 99 	2.7

<ul style="list-style-type: none"> • COMAH Regs • DG Regs, MTSR • Electronic sites and documents 	
<p>1.2 Learners should include:</p> <ul style="list-style-type: none"> • Business direction and governance • Business reference documentation 	2.7/2.9a
Learning Outcome 2	ESA NOS
2.1 Learners should demonstrate business specific safe operating procedures	2.7 and 2.9a
2.2 Learners should explain their actions following an incident/unplanned event	2.7 and 2.9a
Learning Outcome 3	ESA NOS
3.1 Learners should be able to recognise and apply: <ul style="list-style-type: none"> • Relevant safety observations for individual • Subsequent applicable standards 	13.8.1/2/3 2.9a
3.2 Learners should include how to raise safety issues and how to contribute to safety assurance.	2.3 / 2.4a
Learning Outcome 4	ESA NOS
4.1 In commenting on the dangers of ESA learners should include: <ul style="list-style-type: none"> • Risk and Hazards • Consequences • COSHH 	13.8.1/2/3 13.8.1 2.9a
4.2 When describing how ESA is safely handled learners should include: <ul style="list-style-type: none"> • Lifting and or moving ESA (various methods) • Identify type and state (ie if safe to handle) of ESA 	2.7 / 7.1 / 7.18 4.5 (c) / 4.4 / 7.7
4.3 Learners should include in their explanation: <ul style="list-style-type: none"> • Markings, labels and signage, articles, boxes, buildings and vehicles • Storage facility requirements • Assessing condition of storage location/facility • Select and prepare ESA for storage including awareness of compatibility and segregation 	7.18 (b) 7.3 7.3 7.1 / 7.3 / 7.7 / 7.18 / 8.4.2 (c)
4.4 Learners should demonstrate: <ul style="list-style-type: none"> • Securing (restraints) and protecting (physically) the load. Vibration, drop, environment • Security of ESA • Knowledge of the substance or article being transported and factors relevant to transportation. Vibration, Sensitivity Specialised or specific equipment • Movement documentation. Item identification label 	4.2 (d) 8.9.2 (b) / 8.4.2 (g) / 8.6.1 (b)(d) 8.9.3 8.9.4 8.2(b) (d) (e) / 8.4.1 (e) 4.5 (c) / 8.6.1 (d) / 8.4.1 (b) / 8.4.2 (g)